

Universal Remote Control

Model: SL-7000

OPERATING MANUAL





Thank you for purchasing the Star Light universal remote control. This unit was designed to fully complement your home entertainment system. Any comments or questions about this product should be directed to Universal Remote Control, Inc., New Rochelle, NY 10801. You can also call our toll-free Customer Service Line at 1-800-901-0800 for any assistance.

Please read this instruction manual carefully.

The Star Light universal remote control has many advanced features that can add enjoyment and convenience during its use. Keep these instructions for future reference.

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INTRODUCTION

The Star Light universal remote control can replace or consolidate up to six (6) of your remote controls. It is already preprogrammed, so there is no need to have your original remote. The Star Light universal remote works with virtually all IR (Infrared) equipment, including : TV's, VCR's, Cable Boxes, Satellite Receivers, Compact Disc Players, A/V Receivers, Cassette Decks, and many other audio /video components.

Battery Installation

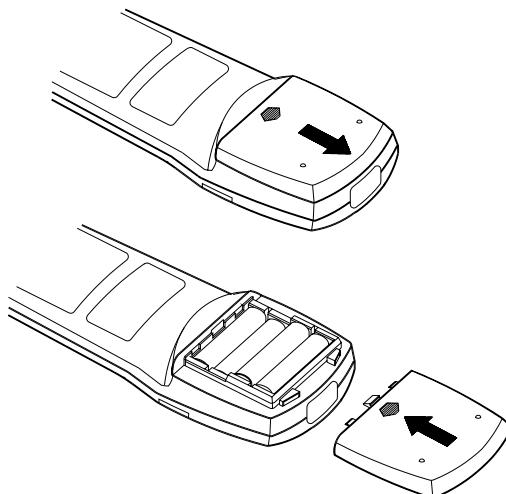
The Star Light remote control is powered by four AAA batteries (included). Please be sure to match the (+) and (-) on the batteries to the (+) and (-) marking inside the battery compartment.

Battery Compartment Cover Removal

To remove the battery compartment, located on the rear of the remote, press down and push forward toward the top of the remote control.

To close the battery compartment cover, slide the cover straight back until it "clicks" into place.

Diagram for opening and closing of the battery cover is shown below.



Note :

When changing batteries, please replace the new batteries within ten minutes. Otherwise, resetting of your codes may be required.

Programming the Remote

A. Quick Set-Up:

Step 1: Turn on the device (TV, VCR, CABLE BOX, SATELLITE RECEIVER, etc.) you wish to operate.

Step 2: On the remote control, press the corresponding DEVICE button (TV, VCR, CATV, SAT, etc.) and MUTE button simultaneously.

Note: "SET" will appear in the LCD.

Step 3: Point the remote control toward the device. Punch in the first three digit code number assigned to your brand from the brand code lists located on pp.(15~30). The device will turn off when the correct code has been selected.

Step 4: Once the device turns off, press the corresponding DEVICE button again to store the code.

Note: LCD will flash "PASS" indicating that the code has been stored.

Step 5: Test the remote control functions with the code that was just stored. If any of the buttons do not perform as they should, please repeat from Step 2 using the next three digit code number for your brand of equipment.

Programming the Remote,(Continued)

C. Standard Set-Up:

Step 1: Turn on the device (TV, VCR, Cable Box, Satellite Receiver, etc.) that you wish to operate.

Step 2: On the Star Light universal remote control, press the corresponding DEVICE button (TV, VCR,CATV, SAT,Audio,or Aux) and the MUTE button simultaneously.

Note: "SET" will appear in the LCD.

Step 3: Locate the three digit code number for your brand of equipment from the code lists found on pp. (15~31). Example: TV codes-Sony 001,003,etc.

Note: If the brand list contains more than one code number, select the first code listed.

Step 4: Point the remote control at the devise turned on in Step1 and press in the three digit code number selected in Step 3.

Note: "SET # ##" will appear in the LCD.

Your device will turn off when the correct code has been selected. If the device fails to turn off, go back to Step 3 and select the next three digit code for your equipment, and press in the code number.

Note: Repeat the above step until the device turns off. When the device turns off proceed to Step 5.

Step 5: Press the DEVICE button (TV, VCR, CATV, SAT, Audio, Aux) on the remote control to store the three digit code that turned off your equipment.

Note: "PASS" will flash in the LCD indicating that the code has been stored.

Step 6: Test the remote control functions with the code just stored.

Example: Power, Channel Up, Volume Up, etc. If any of the buttons do not perform as they should, please repeat from Step 2 using the next three digit code until the right code is found.

Step 7: To program other devices into the corresponding Device button of the remote control, repeat the above steps with the respective devices and Device buttons.

Advanced Features

A. Three Digit Code Number Recall:

If you wish to find a code number that has been stored in your remote control, please use the following steps:

Step 1: On the remote control, press the DEVICE and MUTE buttons simultaneously.

Note: "SET" will appear in the LCD.

Step 2: Press the INPUT button. The LCD will flash the three digit code number for five seconds before returning to its original state.

B. Storing Multi-Commands/Favorite Channels to Memory Buttons

Memory buttons M1, M2, M3 and M4 can be set up to store up to six(6) commands with one button push. Any functions, in any Device mode (except Channel up and Channel down), can be stored in any one of the four memory buttons.

This will enable you, for example, to turn on the TV and Satellite receiver and select a preassinged satellite channel with only one button push.

Method of setting up:

Step 1: Press the Device button (TV, VCR, CATV, SAT, AUX, AUDIO) and MUTE button, simultaneously.

Note: "SET" will appear in the LCD.

Step 2: Press one of the memory buttons(M1-M4) that you would like to designate for multi-command or favorite channel operation.

Note: "M __(1-4)" will appear in the LCD. The memory button is now ready to be set up.

Step 3: Press up to six commands that you would like to store in the memory button.

Note: Each successive selection will appear as 1~6 in the LCD.

Step 4: Press the Channel(+) button to store your selection.

Note: "SAVE" will flash twice and the Device mode will appear in the LCD.

Please repeat the above steps for the remaining memory buttons.

Example:

Memory button M1 in the SAT mode can be set up to do the following functions: to turn on the Satellite receiver, select channel #18 on the satellite receiver, and then turn on the TV.

Step 1: Press the SAT and MUTE buttons, simultaneously.

Note: "SET" will appear in the LCD.

Step 2: Press memory button M1.

Note: "M__1" will appear in the LCD.

Step 3: Press the Power buttons (to turn on the satellite receiver).

Note: "M__1 1" will appear in the LCD.

Press the # 1 button (to select the first digit of channel # 18)

Note: "M__1 2" will appear in the LCD.

Press the # 8 button (to select the second digit of channel # 18)

Note: "M__1 3" will appear in the LCD.

Press the TV Device button (to select the TV Device mode).

Note: "M__1 4" will appear in the LCD.

Press the Power button (to turn on the TV).

Note: "M__1 5" will appear in the LCD.

Step 4: Press the Channel (+)button to store the above commands.

Note: "SAVE" will flash and the current Device mode will appear.

Now, anytime the memory button M1 is pressed while the remote control is in the SAT mode, the commands to turn on the Satellite receiver, select the Satellite channel #18 and turn on the TV, will be sent out by the remote control.

Memory buttons can be used in any combination you select.

Note: Any previously stored multi-commands on a memory button will be erased when new multi-commands are stored to that same memory button.

Advanced Features (Continued)

C. Assigning Different Device Codes to other Device Buttons

This feature can be used to program the remote control for more than one TV, VCR, Satellite Receiver, etc. The three digit code for any device can be stored in any of the DEVICE buttons. For example: For two VCRs, the first VCR can be stored in the VCR DEVICE button under normal set up procedures, and the second VCR can be programmed into the unused CATV or any other DEVICE button.

Step 1: Turn on the device you wish to operate.

Step 2: On the remote control, press the DEVICE button you wish to assign this device to, and the MUTE button simultaneously.

Note: "SET" will appear in the LCD.

Step 3: Press the DEVICE BUTTON that corresponds to the actual device you plan to operate.

Note: "SET" will appear in the LCD.

Step 4: Select the three digit code number from the code list found on pp. (15 ~30) for the device you will be operating

Step 5: Point the remote toward the device, and press in the three digit code number.

Note: "SET # # #" will appear in the LCD.

Step 6: The device will turn off when the correct three digit code number has been selected. Press the DEVICE button selected in Step 2. This will store the three digit code into that DEVICE button.

Note: "PASS" will flash in the LCD.

Advanced Features (Continued)

D. "Punch Through" TV Volume Control

After setting up the remote control to work with your respective TV, VCR, CATV, Satellite equipment, etc., the remote control can also be set up so that the TV volume control will supersede respective equipment volume control, even when the remote control is in a different Device mode.

Step 1: Press the DEVICE button (VCR, CATV, SAT, etc.) and MUTE button simultaneously.

Note: "SET" will appear in the LCD

Step 2: Press the VOLUME (+) button.

Note: "TV-O" will appear in the LCD.

Example: To set up TV volume to replace the satellite receiver volume in the SAT mode.

Step 1: Press the SAT and MUTE buttons, simultaneously.

Note: "SET" will appear in the LCD.

Step 2: Press the VOLUME (+) button

Note: "TV-O" will appear in the LCD.

TV volume will now operate in the SAT mode.

To return to the original volume control setting.

Step 1: Press the DEVICE button (VCR, CATV, SAT, etc.) and MUTE button, simultaneously.

Note: "SET" will appear in the LCD.

Step 2: Press the VOLUME (+) button.

Note: "TV-X" will appear in the LCD.

The TV volume "Punch Through" for the selected device mode is now deactivated.

Advanced Features (Continued)

E. "Punch Through" VCR Controls.

After setting up the remote control to work your respective TV, VCR, CATV, Satellite equipment, etc, the remote control can also be set up so that the VCR control buttons (PLAY, STOP, FAST FORWARD, REWIND, PAUSE, and RECORD) will operate (VCR controls), even when the remote is in a different Device mode.

For example, you can control your VCR while in the CATV mode, eliminating the need to switch between CATV and VCR modes to operate your VCR.

Step 1: Press the DEVICE button (TV, CATV, SAT, etc.) and MUTE button, simultaneously.

Note: "SET" will appear in the LCD.

Step 2: Press the VOLUME (+) button.

Note: "VCR-O" will appear in the LCD.

VCR controls (PLAY, STOP, FF, REW, PAUSE, and RECORD)
will now operate in the mode selected in Step 1.

To return to the original state.

Step 1: Press the DEVICE button (TV, CATV, SAT, etc.) and MUTE button, simultaneously.

Note: "SET" will appear in the LCD.

Step 2: Press the VOLUME(-) button.

Note: "VCR-X" will appear in the LCD.

The VCR "Punch Through" for the selected mode is now deactivated.

Satellite key Pad Information

Many satellite receivers have a letter/ number assignment for satellite names and numbers. Since these assignments differ from one satellite manufacturer to another, we have listed the corresponding letter/ number designation by code on pages(31~44) Please copy the letters assigned to your code onto the peel off label we have included Place this label on the back of the remote control for future use.

Hidden Buttons

Eight (8) additional buttons are located beneath the VIEW, -, +, AMT, M1, M2, M3 and M4 buttons. They are NEXT, MESS, SET-UP, HELP, P.L, AUTO, T.I, and A/B buttons.

To access these hidden buttons, please lift up the cover by releasing the latch along the top, right side of the remote.

Glossary

Device:

Audio and /or video equipment (Example: TV, VCR, Compact Disc, etc.) that is being controlled by the remote control.

Device Buttons:

Blue buttons located at the top of the Star Light remote control labeled TV, VCR, CATV, SAT, AUDIO, AUX.

Device Modes:

Operating modes displayed as TV, VCR, CABLE, AUDIO, AUX, or SAT in the LCD indicating the device the remote control is ready to operate.

LCD:

Liquid crystal display screen at the top of the Star Light Remote. The LCD displays the device mode in normal operation. The LCD is also used in Set Up to program the Star Light Remote.

Three Digit Code:

Preprogrammed list of three digit numbers that corresponds to manufacturer's equipment.

Warranty

The Star Light remote control comes with a one year warranty from date of purchase.

Specifications

MODEL : SL-7000

BATTERY: Four 1.5 AAA Battery

DIMENSION: (H x W x D) 8.88" x 2.75" x 1.25"

WEIGHT: 6.6 oz. (with batteries)

Three Digit Code Lists

TV

Maker (Brand) Name	Code Number (3 digit) List
A MARK	112 143
AKAI	001 146
AMPRO	167 073
AMSTRAD	052
ANAM	043 054 056 080 104 108 112 115 118 121 131
AOC	001 004 112
BLAUPUNKT	088
CANDLE	001 002 003 004
CAPEHART	058
CETRONIC	043
CITIZEN	001 002 003 004 043 101 103 143
CLASSIC	043
CONCERTO	004
CONTEC	039 043 050 051
CORONADO	143
CRAIG	043 054
CROWN	043 143
CURTIS MATHES	001 101 116 143
CXC	043
DAEWOO	004 016 017 043 044 055 071 076 103 107 111 114 117 120 123 125 127 128 136 143
DAYTRON	116 143
DYNASTY	043
DYNATECH	062
ELECTROHOME	007 143
EMERSON	028 048 043 155 005 096 047 116 153 154 051 143 151 001 050
FISHER	077 057
FUNAI	028 043
FUTURETECH	043
GE	160 144 165 161 073 130 001 008 009 034 056 074 004 155 091

Three Digit Code Lists

TV

Maker (Brand) Name	Code Number (3 digit) List
GOLDSTAR	102 106 110 112 113 116 119 122 127 137 143
HALL MARK	116
HITACHI	011 163 166 158 143 004 010 012 023 075 001 009 041
INFINITY	164
INKEL	129
JBL	164
JCPENNY	001 008 030 065 101 160 004 024 143 009 156
JENSEN	013
JVC	038 083 145 034
KEC	043
KENWOOD	001
KLOSS	002 059
KMC	143
KTV	043 001 143 154
LODGENET	072
LOGIK	072
LUXMAN	004
LXI	166 007 015 164 160 081 052
MAGNAVOX	164 059 001 003 060 061 063 064 160 004 143 127
MARANTZ	001 164 077
MATSUI	164
MEMOREX	007 072 116
METZ	088
MGA	001 004 028 042 049 077 116
MINERVA	088
MITSUBISHI	109 024 124 001 004 040 146 028 042
MTC	001 101 004 062
NAD	015 025
NEC	132 130 134 001 040 016 024 056 007 019
NIKEI	043

Three Digit Code Lists

TV

Maker (Brand) Name	Code Number (3 digit) List
ONKING	043
ONWA	043
OPTIONICA	019 081
PANASONIC	034 080 092 056 164
PHILCO	001 003 024 056 059 060 063 064 164 004 143 043 127
PHILIPS	164 038 070 093 001 003 004 143 059 160
PIONEER	135 025 023 001 018 116 027
PORTLAND	004 143
PROSCAN	144
PROTON	004 131 143 058 171
QUASAR	034 092 056
RADIO SHACK	019 043 047 116 127 143
RCA	160 161 165 065 156 144 001 004 023 024 056 074 152
REALISTIC	007 019 043 047
RUNCO	168 169
SAMPO	001 058 116
SAMSUNG	050 089 101 105 113 116 127 133 137 143 160
SANYO	166 007 057 082 020 053 021 033 039
SCOTT	028 043 116 143 048
SEARS	015 030 004 007 028 057 143 094 160 116 082 101
SHARP	170 081 019 028 029 014 004 022 143
SIEMENS	088
SIGNATURE	072
SONY	070 147 126 085 139 041 079
SOUNDESIGN	028 003 043 116
SPECTRICON	112
SSS	004 043
SUPRE MACY	002

Three Digit Code Lists

TV

Maker (Brand) Name	Code Number (3 digit) List
SYLVANIA	001 003 059 060 063 064 164 044 160 116 127 140
TANDY	081
TATUNG	056 062
TECHNICS	084
TECHWOOD	004
TEKNIKA	001 002 003 004 024 028 043 072 101 143 031 077 103
TELEFUNKEN	037 046 086 087
TELERENT	072
TMK	004 116
TOSHIBA	015 138 030 007 040 062 101 051
TOTEVISION	143
UNIVERSAL	008 009
VIDEO CONCEPTS	146
VIDTECH	004 116
WARDS	004 008 009 019 028 060 061 063 064 072 074 116 143
YAMAHA	001 004
YORK	116
YUPITERU	043
ZENITH	072 073 095 157
ZONDA	112

Three Digit Code Lists

VCR

Maker (Brand) Name	Code Number (3 digit) List
AIWA	034
AKAI	146 043 046 124 125 142 016
AMPRO	072
ANAM	031 033 103
AUDIO DYNAMICS	012 023 039 043
BROKSONIC	035 037 129
CANON	028 031 033
CAPEHART	108
CRAIG	003 040 135
CURTIS MATHES	031 003 041
DAEWOO	005 007 010 064 065 108 110 111 112 116 117 119
DAYTRON	108
DBX	012 023 039 043
DYNATECH	034 053
ELECTROHOME	059
EMERSON	006 029 035 025 027 034 036 037 046 101 129 131 138 017 031
FISHER	003 008 009 010
FUNAI	034
GE	031 072 144 147 033 063 107 109
GO VIDEO	132 136
GOLDSTAR	012 013 020 101 106 114 123
HARMAN KARDON	012 045
HITACHI	004 026 034 043 150 063 137 018
INSTANTREPLAY	031 033
JCL	031 033
JCPENNY	012 013 015 066 040 033 101
JENSEN	043
JVC	048 043 130 150 050 055 060 012 031 033
KENWOOD	014 034 048 039
LLOYD	034

Three Digit Code Lists

VCR

Maker (Brand) Name	Code Number (3 digit) List
LXI	034 101 013 014
MAGIN	040
MAGNAVOX	067 031 034 041 033 068
MARANTZ	031 067 012 033 069
MARTA	101
MATSUI	027 030
MEI	031 033
MEMOREX	101 003 010 014 031 034 053 072 139 134 033
MGA	045 046 059
MINOLTA	013 020
MITSUBISHI	059 061 151 046 051 142 013 020 045 049
MTC	034 040
MULTITECH	024 034
NEC	012 023 043 048 039
NORDMENDE	043
OPTONICA	053 054
PANASONIC	066 070 083 145 133 140 074
PENTAX	013 020 031 033 063
PHILCO	031 033 034 067
PHILIPS	031 067 034 101 054 033 071
PILOT	101
PIONEER	021 048 013
PORTLAND	108
PULSAR	072
QUARTZ	002 014
QUASAR	033 066 075 145
RCA	013 020 033 041 062 063 107 109 140 144 145 147
REALISTIC	003 008 010 014 031 033 034 040 053 054 101
RICO	058
RUNCO	148
SALORA	014

Three Digit Code Lists

VCR

Maker (Brand) Name	Code Number (3 digit) List
SAMSUNG	032 040 102 104 107 109 112 113 115 120 122 125
SANSUI	022 043 048 135
SANYO	003 010 014 134 007
SCOTT	017 037 129 112 131
SEARS	003 008 010 013 014 081 101 009 020 031 042 073
SHARP	149 031 054
SHINTOM	024
SONY	009 056 057 058 077 003 149 052 076 031 078
SOUNDESIGN	034
STS	013
SYLVANIA	031 059 033 034 067
SYMPHONIC	034
TANDY	010 034
TATUNG	039 043
TEAC	034 039 043
TECHNICS	031 033
TEKNIKA	031 019 033 034 101
THOMAS	034
TMK	006
TOSHIBA	112 131 008 047 059 082 042 013
TOTEVISION	040 101
UNITECH	040
VECTOR RESEARCH	012
ViCTOR	048
VIDEO CONCEPTS	012 046 034 141
VIDEOSONIC	040
WARDS	013 024 031 034 040 053 054 003 017 033 131
YAMAHA	012 043 034 039
ZENITH	072 080 056 048 034 101 058

Three Digit Code Lists

CATV

Maker (Brand) Name	Code Number (3 digit) List
ABC	001 004 039 046 053 003 042
ANTRONIK	014
ARCHER	005 007 014 024
CABLE STAR	026
CENTURY	007
CITIZEN	007
COLOUR VOICE	065 090
COMBANO	080 081
COMTRONICS	019 030
DIAMOND	023
EAGLE	020 030 040
EASTERN	057 062 066
ELECTRICORD	032
GE	072
GEMINI	008 022 025 054
GI	001 074
GOLDEN CHANNEL	030
HAML IN	049 050 055
HITACHI	001 055
HOSPITALITY	070 077
JERROLD	002 003 004 010 001 008 009 069 074
M-NET	037
MACOM	033
MAGNAVOX	012 079 010 064
MEMOREX	052
MOVIE TIME	028 032
NSC	071 073 015 028 038
OAK	016 031 037 053
PANASONIC	044 047
PARAGON	052
PHILIPS	020 065 006 012 013 085 090

Three Digit Code Lists

CATV

Maker (Brand) Name	Code Number (3 digit) List
PIONEER	034 051 001 063 076
POST NEWS WEEK	016
PRUCER	059
PTS	011 048 071 072 073 074
PULSAR	052
RCA	047
REGAL	049 050
REGENCY	057
REMBRANT	025
RK	091
SAMSUNG	030 068
SCIENTIFIC ATLANTA	003 011 041 042 043 045 046
SHERITECH	022
SIGNAL	030
SIGNATURE	001
SL MARX	030
SPRUCER	047 078
STARCOM	002 004 008 009
STARGATE	008 030
SYLVANIA	067
TADIRAN	030
TANDY	017
TELECAPATION	021
TEXSCAN	029 067
TOCOM	039 040 056
TOSHIBA	052
UNIKA	007 014 024
UNITED CABLE	004 053
UNIVERSAL	007 024 027 035 005 014 026 032
VIEWSTAR	086 087 088 089 012 015 018
ZENITH	052 060

Three Digit Code Lists

SAT

Maker (Brand) Name	Code Number (3 digit) List
AMPLICA	050
BIRDVIEW	051 113
BSR	053
CAPETRONICS	053
CHANNEL MASTER	013 014 015 018 036 055
CHAPARRAL	008 009 012 077
CITOH	054
CURTIS MATHES	050
DRAKE	005 006 007 010 011 052 112 116
DX ANTENNA	024 046 056 076
ECHOSTAR	038 040 057 058 093 094 095 096 097 098 099 100
ELECTRO HOME	089
EUROPLUS	114
FUJITSU	017 021 022 027
GENERAL INSTRUMENT	003 004 016 029 031 059 101
HOUSTON TRACKER	033 037 039 104
HUGHES	068
HYTEK	053
JANIEL	060
JERROLD	061
KATHREIN	108
LEGEND	057
LUXOR	062
MACOM	059 063 064 065 010
MEMOREX	057
NORSAT	069 070
PANASONIC	060
PANSAT	121
PERSONAL CABLE	117
PHILIPS	071

Three Digit Code Lists

SAT

Maker (Brand) Name	Code Number (3 digit) List
PICO	105
PRESIDENT	019 102
PRIMESTAR	030 110 111
PROSAT	072
RCA	001 106
REALISTIC	043 074
SATELLITE SERVICE CO	057 028 035 047 085
SCIENTIFIC ATLANTA	032
SONY	103
STARCAST	041
SUPER GUIDE	020
TEECOM	023 026 075 087 088 090 107
TOSHIBA	002
UNIDEN	016 025 042 043 044 045 048 049 078 079 080 086 101
VIEWSTAR	115
ZENITH	081 082 083 084 091 120

Three Digit Code Lists

AUDIO

Maker (Brand) Name	Code Number (3 digit) List
ADCOM	082 092 225
AIWA	012 015 018 071 100 104 114 170 202 203
AKAI	138
ANAM	081
BOSE	070 170
CARVER	008 027 028 030 053 061 201 226
CLARION	174
DENON	002 034 105 227 228 229 230
EVERQUEST	025
FISHER	008 030 064 077
FOSGATE AUDIONICS	062 231 232
GOLDSTAR	011
HAITAI	197
HARMAN KARDON	231 232 233 254
HITACH	020
INKEL	197
JCPENNY	009 079
JENSEN	058
JERROLD	042
JVC	013 116 239 240 241
KENWOOD	005 026 064 145 146 181 190 197
LEXICON	234 235 236 237
LUXMAM	035
LXI	078
MAGNAVOX	027 086
MARANTZ	006 027 040 056 063 065 087
MCINTOSH	238
MCS	009 079
MITSUBISHI	242 243
NAD	029 048
NAKAMICHI	244 245

Three Digit Code Lists

AUDIO

Maker (Brand) Name	Code Number (3 digit) List
NILES	246
ONKYO	016 017 046 107 108 115
OPTIMUS	022 026 041 054 055
PANASONIC	007 032 088 195
PHILIPS	027 037 087 249 250 251
PIONEER	014 033 039 044 045 047 050 066 069 090 098 222
QUASAR	007 088
RCA	010 049
REALISTIC	001 004 019 023 073 075 078 080 081 095
ROTEL	074 083 085
SANSUI	027 040 110 113 119 224
SCIENTIFIC ATLANTA	043
SCOTT	019 081 091
SHARP	026 051 057 094 131 174 175 181 184
SHERWOOD	024 038
SONY	018 052 084 089 093 101 223 247 248
SOUNDESIGN	036
SSI	068
STARCOM	042
TAEKWANG	138
TEAC	019 059 060 081
TECHNICS	007 076 088 103 109 122 193
TOSHIBA	112
VICTOR	013 106
WARDS	064
XANTECH	252
YAMAHA	021 026 031 067 174 253

Three Digit Code Lists

AUX

Maker (Brand) Name	Code Number (3 digit) List
ADC	005
ADCOM	042 056 062
AIWA	065 105 112 122 170 187
AKAI	043 195 202
AUDIO TECHNICA	046
AUDIOACCESS	119
AUDIOFILE	229
BSR	037 057
CALIFORNIA AUDIO	008 103
CAPETRONIC	063
CARRERA	057 080
CARVER	044 050 130 134 135 137 138 139 203 204
CASIO	059 111 116 182
CLARINETTE	116 182
CROWN	035
CURTIS MATHES	059
DENON	002 123 205 206 207
EMERSON	042 045 069 087 102
FISHER	016 027 048 050 061
FRABA	111
FUNAI	120
GE	180
GENEXXA	010 069 090 102
GOLDSTAR	009 080
HAITAI	093
HARMAN KARDON	018 033 047 208
HITACHI	042 087
INKEL	019 020
JCPENNY	014 059 092
JENSEN	158
JVC	022 136 194 213 214

Three Digit Code Lists

AUX

Maker (Brand) Name	Code Number (3 digit) List
KENWOOD	007 013 016 023 055 071 072 142 152 194 196 197 199
KYOCERA	005
LOTTE	102
LUXMAN	011 028 070 096
LXI	059 180
MAGNAVOX	032 044 095 107 121
MARANTZ	036 044 051 077 209 210 211
MCINTOSH	212
MCS	014 059 073 092
MEMOREX	090
MGA	025
MISSION	044
MITSUBISHI	025 121
MITSUMI	153
MODULAIRE	116 182
NAD	006 067 121 215 216
NAKAMICHI	217 218 219
NEC	014 062
NIKKO	046 048
NSM	044
ONKYO	030 031 038 039 189 193 220 221
OPTIMUS	001 013 029 049 050 057 058 082 083 084 085 090 093
PANASONIC	008 068 103 113 172 201 222
PHILIPS	032 044 132 149 227
PIONEER	010 029 064 088 090 094 106 117 121 125 174 175 176
PROTON	044 228
QUASAR	008 103
RADIO SHACK	116 120
RCA	017 042 074 087 150

Three Digit Code Lists

AUX

Maker (Brand) Name	Code Number (3 digit) List
RCX	185
REALISTIC	042 049 050 051 187 089 098 099 102 180 181 182
ROTEL	044
SAE	044
SAMSUNG	021
SANSUI	040 044 069 074 128 171 190
SANYO	026 050 061 075 089 184
SCOTT	069 102
SEARS	059
SHARP	013 051 066 099 108 152 173 183 198 199
SHERWOOD	003 019 020 034 051 099 127
SIGNATURE	033
SONY	001 053 061 097 109 110 112 126 133 177 223 224 225 226
SOUNDSTREAM	118
STS	005
SYLVANIA	044
SYMPHONIC	052 104 181
TAEKWANG	195
TANDY	090
TEAC	004 015 041 051 078 079 100 101 104 115 131 140 159
TECHNICS	008 060 068 103 113 172 192 200
TECHWOOD	076
THETA DIGITAL	032
TOSHIBA	006 067 091 152 160 191
VECTOR RESEARCH	080
VICTOR	022 114 124
WARDS	033 089
YAMAHA	012 024 046 054 129 185
YORX	116 182

Satellite Functions by Code

Fuction	CODE	001	CODE	002	CODE	003	CODE	004
1	1		1.G		1.G		1.G	
2	2		2.T		2.T		2.T	
3	3		3.F		3.F		3.F	
4	4		4.A		4.D		4.A	
5	5		5.W		5.W		5.W	
6	6		6.C		6.C		6.C	
7	7		7.S		7.S		7.S	
8	8		8.M		8.R		8.R	
9	9		9.K		9.K		9.K	
0	0		0.O		0.B		0.B	
ENTER	Guide		Enter		Enter		Enter	
DISPLAY	Select/Display		Category		View		View	
INPUT	TV/DSS		SAT/TV		SAT/TV		SAT/TV	
FAVORITE	FAV		Favorite		FAV		FAV	
CANCEL	Clear		Cancel		Cancel		CNCL	
LAST	PREV.CH		Function		AFC		Last	
MENU	Menu		Mode		Mode		Menu	
UP	Up		Timer Up		Fine Tune Up		Up	
DOWN	Down		Timer Down		Fine Tune Down		Down	
LEFT	Left		East Down		East		Left	
RIGHT	Right		West Up		West		Right	
SAT	DSS		C-SAT		Next SAT		SAT	

Fuction	CODE	005	CODE	006	CODE	007	CODE	008
1	1.G		1.G				1/G	
2	2.T		2.T				2/T	
3	3.F		3.F				3/F	
4	4.A		4.A				4/A	
5	5.E		5.W				5/W	
6	6.K		6.K				6/S	
7	7.C		7.C				7/M	
8	8.B		8.B				8/B	
9	9.S		9.S				9/R	
0	0.M		0.X				0/Z	
ENTER	Enter		Enter		Goto		Enter	
DISPLAY	Source		Source				View	
INPUT								
FAVORITE	Priority		Priority				Favorite	
CANCEL	Cancel		Cancel		Format		cancel	
LAST	Auto PK		Auto PK					
MENU	Menu		Menu				Menu	
UP	Fine Up		Fine Tune Up		Preset Up		Large Select Up	
DOWN	Fine Down		Fine Tune Down		Preset Down		Large Select Down	
LEFT	East		East		Up East		Freeze East Left	
RIGHT	West		West		Down West		Swap West Right	
SAT	SAT		SAT				Satellite	

Satellite Functions by Code

Fuction	CODE	009	CODE	010	CODE	011	CODE	012
1	1 F		1/A		1		1 F	
2	2 W		2/B		2		2 I	
3	3 D		3/C		3		3 D	
4	4 A		4/D		4		4 A	
5	5 G		5/E		5		5 V	
6	6 S		6/F		6		6 S	
7	7 T		7/G		7		7 T	
8	8 M		8/H		8		8 M	
9	9 Z		9/I		9		9 E	
0	0 K				0		0 K	
ENTER	Enter		Memory:Store		Enter			
DISPLAY	View				View			
INPUT			Select		TV/SAT			
FAVORITE	Favorite		CW		Priority			
CANCEL	Cancel		CCW		Cancel			
LAST			Next SAT		Format			
MENU	Tuning Mode		Fine Up		NUM		Tuning Mode	
UP	VOL Tuning Up		SAT Fine Up		Fine Tune Up		Tuning UP	
DOWN	VOL Tuning Down		SAT Fine Down		Fine Tune Down		Tuning Down	
LEFT	SAT UP		SAT Preset Left:East		East		Satellite UP	
RIGHT	SAT Down		SAT Preset Right:West		West		Satellite Down	
SAT	SAT		Fine Down		SAT		Satellite	
Fuction	CODE	013	CODE	014	CODE	015	CODE	016
1	1 G		1				1 G	
2	2 T		2				2 T	
3	3 F		3				3 F	
4	4 S		4				4 E	
5	5 W		5				5 /M	
6	6 X		6				6 C	
7	7 A		7				7 S	
8	8 M		8				8 R	
9	9 K						9 K	
0	0 Z						0 B	
ENTER	Enter		Scan				Enter	
DISPLAY	CHAN		POL REV		Format REV		View	
INPUT			Anik					
FAVORITE	FAV		Westar					
CANCEL	Cancel		Comstar		Format		Cancel	
LAST	Tune		Satcom				POL Call	
MENU	Menu		Satscan Power		Satscan Power		C/KU/PROG	
UP	Right Up		Satscan Up		Satscan Up		Skew +	
DOWN	Left Down		Satscan Down		Satscan Down		Skew -	
LEFT	Left Down		Tune Down		Tune Down		E Left Video	
RIGHT	Right Up		Tune UP		Tune UP		Video Right W	
SAT	SAT						C/KU	

Satellite Functions by Code

Fuction	CODE	017	CODE	018	CODE	019	CODE	020
1	1				1		G/1	
2	2				2		T/2	
3	3				3		F/3	
4	4				4		D/4	
5	5				5		W/5	
6	6				6		C/6	
7	7				7		S/7	
8	8				8		X/8	
9	9				9		K/9	
0	0				0		M/0	
ENTER	Enter				Enter		Select	
DISPLAY	Display						Return	
INPUT							Watch	
FAVORITE	Auto Tune						Favorite	
CANCEL	Cancel				CNCL		Movies	
LAST			Seek				Sports	
MENU	Satellite Number		Mode		CALL		Type	
UP	Tunning Up		Ant Up		>		Cursor Up	
DOWN	Tunning Down		Ant Down		<		Cursor Down	
LEFT	Next Satellite Left		Ant Up		E		Page Left	
RIGHT	Next Satellite Right		Ant Down		W		Page Right	
SAT	Satellite Name		Format		SAT		SAT	

Fuction	CODE	021	CODE	022	CODE	023	CODE	024
1	1		1 G		1 G SET Up		1	
2	2		2 T		2 S View		2	
3	3		3 F		3 F MESG		3	
4	4		4 A		4 C Help		4	
5	5		5 M		5 M Text		5	
6	6		6 E		6 E Enter		6	
7	7		7 S		7 K Cancel		7	
8	8		8 R		8 B		8	
9	9		9 K		9 T		9	
0	0		0 B		0 A		0	
ENTER	Enter		Enter				Select	
DISPLAY	Display		Display				Recall	
INPUT							Ch.Scan	
FAVORITE	Favorite CH		FAV					
CANCEL	Cancel		Cancel					
LAST			Select					
MENU	Number		Mode		CH		Select	
UP	Tuning Up		Up		Step Up		Tune +	
DOWN	Tuning Down		Down		Step Down		Tune -	
LEFT	Next Sat <		Left		Left East Vol +		Ant Position East	
RIGHT	Next Sat >		Right		Left West Vol -		Ant Position West	
SAT	Name		SAT		SAT		Recall	

Satellite Functions by Code

Fuction	CODE	025	CODE	026	CODE	027	CODE	028
1	1	.....	1.C	.....	1	.....	1.F	.....
2	2	.....	2.G	.....	2	.....	2.G	.....
3	3	.....	3.R	.....	3	.....	3	.....
4	4	.....	4.T	.....	4	.....	4.M	.....
5	5	.....	5.S	.....	5	.....	5.A	.....
6	6	.....	6.E	.....	6	.....	6.T	.....
7	7	.....	7.K	.....	7	.....	7.S	.....
8	8	.....	8.F	.....	8	.....	8.O	.....
9	9	.....	9.B	.....	9	.....	9.G	.....
0	0	.....	0.M	.....	0	.....	0	.....
ENTER	Enter	.....	Enter	.....	Enter	.....	Enter	.....
DISPLAY	Time	.....	View	.....	Display	.....	DISP	.....
INPUT	Guide	.....	SAT/TV	.....	.....	.....	.....	.....
FAVORITE	Select	.....	FAV	.....	Favorite CH	.....	.....	.....
CANCEL	CNCL	.....	CNCL	.....	Cancel	.....	Cancel	.....
LAST	Return	.....	.....	.....	Auto Tune	.....	.....	.....
MENU	Guide	.....	Mode	.....	Satellite Number	.....	PGM	.....
UP	Up	.....	Up	.....	Tuning Select	.....	Fine Tune Up	.....
DOWN	Down	.....	Down	.....	.....	.....	Fine Tune Down	.....
LEFT	Left E	.....	Left	.....	<	.....	Antenna Left	.....
RIGHT	Right W	.....	Right	.....	>	.....	Antenna Right	.....
SAT	Type	.....	SAT	.....	Satellite Name	.....	SAT	.....

Fuction	CODE	029	CODE	030	CODE	031	CODE	032
1	1.G	.....	1	.....	1.G	.....	1/A	.....
2	2.E	.....	2	.....	2.E	.....	2/D	.....
3	3.T	.....	3	.....	3.T	.....	3/F	.....
4	4.F	.....	4	.....	4.F	.....	4/G	.....
5	5.W	.....	5	.....	5.W	.....	5/K	.....
6	6.S	.....	6	.....	6.S	.....	6/S	.....
7	7.R	.....	7	.....	7.R	.....	7/T	.....
8	8.M	.....	8	.....	8.M	.....	8/W	.....
9	9.K	.....	9	.....	9.K	.....	9/X	.....
0	0.C	.....	0	.....	0.C	.....	0/Z	.....
ENTER	Enter	.....	Enter	.....	Enter	.....	.....	.....
DISPLAY	TMR	.....	View	.....	View	.....	display-	.....
INPUT	SAT/TV	.....	SAT/TV	.....	SAT/TV	.....	.....	.....
FAVORITE	FAV	.....	Buy	.....	FAV	.....	.....	.....
CANCEL	Cancel	.....	Next	.....	Cancel	.....	Lock/Unlock	.....
LAST	Last	.....	Last, Go Back	.....	Last	.....	.....	.....
MENU	Menu	.....	Menu	.....	Menu	.....	.....	.....
UP	Up	.....	Up	.....	Up	.....	.....	.....
DOWN	Down	.....	Down	.....	Down	.....	.....	.....
LEFT	Left	.....	Left	.....	Left	.....	.....	.....
RIGHT	Right	.....	Right	.....	Right	.....	.....	.....
SAT	SAT	.....	View	.....	SAT	.....	SAT	.....

Satellite Functions by Code

Fuction	CODE	033	CODE	034	CODE	035	CODE	036
1	1	1/2	1/2	1 G	1 G (1)			
2	2	3/4	3/4	2 T	2 T (2)			
3	3	5/6	5/6	3 F	3 F (3)			
4	4	7/8	7/8	4 A	4 A (4)			
5	5	9/10	9/10	5 W	5 W (5)			
6	6	11/12	11/12	6 C	6 X (6)			
7	7	13/14	13/14	7 S	7 S (7)			
8	8	15/16	15/16	8 M	8 M (8)			
9	9	17/18	17/18	9 KU	9 KU (9)			
0	0	21/22	21/22	0 VNR	0 VNR (0)			
ENTER	Enter	23/24	23/24	Enter	Enter			
DISPLAY	Recall/SAT	19/20	19/20	Recall Sat	Recall Sat			
INPUT		Plorotor CW	Plorotor CW	Tuning				
FAVORITE	FAV	Plorotor CCW	Plorotor CCW	Favorite				
CANCEL	Cancel	Audio Fine CH1 Up	Audio Fine CH1 Up	Cancel				
LAST	Tuning	Audio Fine CH1 Down	Audio Fine CH1 Down	Store				
MENU	Menu	ODD/Even	ODD/Even		Tuning(Select)			
UP	ADJ +	Video Fine +	Video Fine +		Channel Up			
DOWN	ADJ -	Video Fine -	Video Fine -		Channel Down			
LEFT		ANT.East	ANT.East		Tuning Left			
RIGHT		ANT.West	ANT.West		Tuning Right			
SAT	SAT/Recall	Satellite	Satellite					

Fuction	CODE	037	CODE	038	CODE	039	CODE	040
1	1/G	G (1)	1	1	1 G			
2	2/T	T (2)	2	2	2 T			
3	3/F	F (3)	3	3	3 F			
4	4/A	A (4)	4	4	4 E			
5	5/W	W (5)	5	5	5 M			
6	6/C	X (6)	6	6	6 C			
7	7/S	S (7)	7	7	7 S			
8	8/M	M (8)	8	8	8 R			
9	9/K	KU (9)	9	9	9 K			
0	0	VNR (0)	0	0	0 B			
ENTER	Enter	Enter	Enter	Enter	Enter			
DISPLAY	View	View	View	SET	List			
INPUT				TV/SAT	Info			
FAVORITE				Other	Guide/FAV			
CANCEL	Cancel	Recall(Cancel)	Clear		CNCL			
LAST	Recall	Store	Seek		Record			
MENU	Menu	Tuning Select	CHAN/AF		Menu			
UP	Channel Up	Tune/VOL Up	CH/AF Up		Page +			
DOWN	Channel Down	Tune/VOL Down	CH/AF Down		Page -			
LEFT	SAT Left	East	Dish E		Left E			
RIGHT	SAT Right	West	Dish W		Right W			
SAT	Select	SAT/Format	CHAN/AF		Call			

Satellite Functions by Code

Fuction	CODE	043	CODE	044	CODE	045	CODE	046
1	1	.....	1	.....	1.G	.....	1.G	.....
2	2	.....	2	.....	2.T	.....	2.T	.....
3	3	.....	3	.....	3.F	.....	3.F	.....
4	4	.....	4	.....	4.E	.....	4.A	.....
5	5	.....	5	.....	5.M	.....	5.W	.....
6	6	.....	6	.....	6.C	.....	6.S	.....
7	7	.....	7	.....	7.S	.....	7.M	.....
8	8	.....	8	.....	8.R	.....	8.B	.....
9	9	.....	9	.....	9.K	.....	9.R	.....
0	0	.....	0	.....	0.B	.....	0.E	.....
ENTER	Enter	.....	Enter	.....	Enter	.....	Enter	.....
DISPLAY	Call	.....	View	.....	View	.....	Category	.....
INPUT	A/B	.....	PLOL	.....	SAT/TV	.....	SAT/TV	.....
FAVORITE	FUNC	.....	FAV	.....	FAV	.....	Favorite	.....
CANCEL	Cancel	.....	CNCL	.....	CNCL	.....	Cancel	.....
LAST	Last	.....	.....	.....	Scan	.....	.....	.....
MENU	Satellite NO	.....	Menu	.....	Menu	.....	Menu	.....
UP	Video Fine +	.....	Audio >	.....	Audio	.....	Select Up	.....
DOWN	Video Fine -	.....	Audio <	.....	Video	.....	Select Down	.....
LEFT	SAT.Position East	.....	E(Skew +)	.....	E Left	.....	Select Left	.....
RIGHT	SAT.Position West	.....	W(Skew -)	.....	W Right	.....	Select Right	.....
SAT	Satellite Type	.....	Call	.....	Call	.....	Satellite	.....
Fuction	CODE	047	CODE	048	CODE	049	CODE	050
1	1 /Satcom	.....	.....	.....	1.G	.....	1/2	.....
2	2 /Galaxy	.....	.....	.....	2.T	.....	3/4	.....
3	3 /Westar	.....	.....	.....	3.F	.....	5/6	.....
4	4 /Westar	.....	.....	.....	4.E	.....	7/8	.....
5	5 /Anik	.....	.....	.....	5.M	.....	9/10	.....
6	6 /Telstar	.....	.....	.....	6.C	.....	11/12	.....
7	7 /Spacenet	.....	.....	.....	7.S	.....	13/14	.....
8	8 /Other	.....	.....	.....	8.R	.....	15/16	.....
9	9 /Other	.....	.....	.....	9.K	.....	17/18	.....
0	0	.....	.....	.....	0.B	.....	19/20	.....
ENTER	.....	.....	NO	.....	Enter	.....	23/24	.....
DISPLAY	Display	.....	Call	.....	View	.....	21/22	.....
INPUT	BW	.....	SAT/TV	.....	Timer	.....	.....	.....
FAVORITE	Audio	.....	.....	.....	FAV	.....	.....	.....
CANCEL	Clear	.....	.....	.....	DNR	.....	.....	.....
LAST	.....	.....	SCAN	.....	CNCL	.....	.....	.....
MENU	.....	.....	Mode	.....	Tune	.....	.....	.....
UP	Play	.....	Audio 1 Up	.....	Menu	.....	.....	.....
DOWN	Stop	.....	Audio 1 Down	.....	CH Up	.....	ODD	.....
LEFT	REW	.....	.....	.....	Ch Down	.....	Even	.....
RIGHT	FF	.....	East	.....	E	.....	East	.....
SAT	Satellite	.....	West	.....	W	.....	West	.....
			Satellite	.....	Call	.....	Fromat/WE/SA	.....

Satellite Functions by Code

Fuction	CODE	051	CODE	052	CODE	053	CODE	054
1					1/F		1 G	
2					2/G		2 T	
3					3/W		3 F	
4					4/M		4 A	
5					5/A		5 S	
6					6/S		6 W	
7					7/T		7 M	
8					8/X		8 K	
9					9/Y		9 Y	
0					0/Z		0 Z	
ENTER							Enter	
DISPLAY							View	
INPUT							AUX	
FAVORITE							Scan	
CANCEL							Cancel	
LAST								
MENU	Fine Tune		H/V				V/H	
UP			Fine Up				Tune Up	
DOWN			Fine Down				Tune Down	
LEFT	Channel Up/East		East		SAT East		East	
RIGHT	Channel Down/West		West		SAT West		West	
SAT	Format		AUD		Satellite		Satellite	
Fuction	CODE	055	CODE	056	CODE	057	CODE	058
1	1		1/2		1/G		1	
2	2		3/4		2/T		2	
3	3		5/6		3/F		3	
4	4		7/8		4/A		4	
5	5		9/10		5/W		5	
6	6		11/12		6/X		6	
7	7		13/14		7/S		7	
8	8		15/16		8/M		8	
9	9		17/18		9/KU		9	
0	0		19/20		0/VNR		0	
ENTER	Enter		23/24		Enter:SAT/FV.CH		Store(Top)	
DISPLAY	Scan/Help		21/22		View		Level	
INPUT	Skew/Setup						V/H	
FAVORITE	F-Tune/Next PRGM							
CANCEL	Bypass/Cancel				CAN/FAV PRG		Erase(Top)	
LAST	Format/Message				SAT/Last : ENT			
MENU	Channel		V/H		Tuning Sel		Select	
UP	Up/Right		Fine Tune +				Up Tuning	
DOWN	Down/Left		Fine Tune -				Down Tuning	
LEFT	Down/Left		East		Tuning Left		East	
RIGHT	Up/Right		West		Tuning Right		West	
SAT	SAT		ODD/EVEN		SAT/Last : ENT		SAT Positioner	

Satellite Functions by Code

Fuction	CODE	059	CODE	060	CODE	061	CODE	062
1	1		1		1		CH 1/2 - 1	
2	2		2		2		CH 3/4 - 2	
3	3		3:13/ANI		3		CH 5/6 - 3	
4	4		4:14/COM		4		CH 7/8 - 4	
5	5		5:15/GAL		5		CH 9/10 - 5	
6	6		6:16/SAT		6		CH 11/12 - 6	
7	7		7:17/SPA		7		CH 13/14 - Satcom	
8	8		8:18/TEL		8		CH 15/16 - Westar	
9	9		9:19/WEST		9		CH 17/18 - Comstar	
0	0		0		0		CH 21/22 - Other	
ENTER	Enter				Clock/CH:Enter		CH 23/24 - F	
DISPLAY							CH 19/20 - Anik	
INPUT					SAT/TV		Normal	
FAVORITE							Video	
CANCEL	Cancel						Audio Step	
LAST							Channel Step	
MENU			V/H				Channel	
UP							ODD	
DOWN							Even	
LEFT			East				East	
RIGHT			Vest				West	
SAT	SAT/TV		Satellite				SAT	

Fuction	CODE	063	CODE	064	CODE	065	CODE	068
1	A		1/2		1		1	
2	B		3/4		2		2	
3	C		5/6		3		3	
4	D		7/8		4		4	
5	E		9/10		5		5	
6	F		11/12		6		6	
7	G		13/14		7		7	
8	H		15/16		8		8	
9	!		17/18		9		9	
0			19/20		0		0	
ENTER	Select		23/24		Select		Info	
DISPLAY			21/22				Action	
INPUT							SAT/Local	
FAVORITE							PREV.CH	
CANCEL	Reset						FAV	
LAST	Seek						Guide	
MENU	Format				Mode		Up Arrow	
UP			Even		Antenna East		Down Arrow	
DOWN			ODD		Antenna West		Left Arrow	
LEFT	East		East		East		Right Arrow	
RIGHT	West		West		West		Select	
SAT	Next SAT				H/V			

Satellite Functions by Code

Fuction	CODE	069	CODE	070	CODE	071	CODE	072
1			1/F		1 : V-FR		1	
2			2/W		2 : V-BW		2	
3			3/D		3 : V-DEC		3	
4			4/A		4 : A-FR		4	
5			5/G		5 : A-BW		5	
6			6/S		6 : A-DEC		6	
7			7/T		7 : A-Skew		7	
8			8/O		8 : LNB		8	
9			9/ *		9 : DEEM		9	
0			10/ * *		0/10: DISH		0	
ENTER			Preset		Store : PG HID		Source	
DISPLAY	(.)		Display		Display		On Screen	
INPUT	Drive				TV/SAT			
FAVORITE							Favorite	
CANCEL					Cancel : Last			
LAST			Scan: Mode					
MENU	Tune Up		Format POL				SAT Number	
UP	SAT Up				CH DN : East : P-		Audio Up	
DOWN	SAT Down				CH Up : West : P+		Audio Down	
LEFT	East		ANT East		Left		East	
RIGHT	West		ANT West		Right		West	
SAT	Format		Satellite		SAT : DBS : C		SAT Name	

Fuction	CODE	074	CODE	075	CODE	076	CODE	077
1	1		1	1 G		1		
2	2		2 PPV	2 T		2		
3	3		3 SPEC	3 F		3		
4	4		4 SEN	4 A		4		
5	5		5 CHILD	5 W		5		
6	6		6 News	6 S		6		
7	7		7 Music	7 M		7		
8	8		8 Sports	8 B		8		
9	9		9.movie	9.R		9		
0	0		0	0.E		0		
ENTER	Run		Select(View)		Enter		Auto Tune	
DISPLAY					Category		Store	
INPUT	SAT/TV		SAT/TV		SAT/TV		Audio NAR/Wide	
FAVORITE			REC(Time)		Favorite		Audio Mode	
CANCEL			Clear(Exit)		Cancel			
LAST			Menu					
MENU					Menu		Tuning Mode	
UP	Tune Up				Select Up		Tuning Up	
DOWN	Tune Down				Select Down		Tuning Down	
LEFT	East				Select Left			
RIGHT	West				Select Right			
SAT			Guide		Satellite		Satellite	

Satellite Functions by Code

Function	CODE	078	CODE	079	CODE	080	CODE	081
1	1	.....	1 (G)	.....	1 G	.....	1 G	.....
2	2	.....	2 (T)	.....	2 T	.....	2 T	.....
3	3	.....	3 (F)	.....	3 F	.....	3 F	.....
4	4	.....	4 (E)	.....	4 E	.....	4 A	.....
5	5	.....	5 (M)	.....	5 M	.....	5 W	.....
6	6	.....	6 (C)	.....	6 C	.....	6 K	.....
7	7	.....	7 (S)	.....	7 S	.....	7 C	.....
8	8	.....	8 (R)	.....	8 R	.....	8 B	.....
9	9	.....	9 (K)	.....	9 K	.....	9 S	.....
0	0	.....	0 (B)	.....	0 B	.....	0 X	.....
ENTER	Enter	.....	Entet	.....	Enter	.....	Enter	.....
DISPLAY	Mode	.....	View	.....	View	.....	Time	.....
INPUT	C/KU	.....	.....	.....	Scan	.....	Source	.....
FAVORITE	NRW	.....	FAV	.....	FAV	.....	FAV	.....
CANCEL	Cancel	.....	CNCL	.....	CNCL	.....	Cancel	.....
LAST	DNR	.....	Tune	.....	Tune	.....	ZAP	.....
MENU	Call	.....	Menu	.....	Menu	.....	Menu	.....
UP	<	.....	CH Up	.....	CH Up	.....	Up	.....
DOWN	>	.....	CH Down	.....	CH Down	.....	Down	.....
LEFT	E	.....	E Left	.....	Left E	.....	Left	.....
RIGHT	W	.....	V Right	.....	Right W	.....	Right	.....
SAT	SAT	.....	Call	.....	Call	.....	SAT	.....

Function	CODE	082	CODE	083	CODE	084	CODE	085
1	1	.....	1	.....	1 A	.....	1 Satcom	.....
2	2	.....	2	.....	2 B	.....	2 Galaxy	.....
3	3	.....	3	.....	3 C	.....	3 Westar	.....
4	4	.....	4	.....	4 F	.....	4 Comstar	.....
5	5	.....	5	.....	5 G	.....	5 Anik	.....
6	6	.....	6	.....	6 K	.....	6 Telstar	.....
7	7	.....	7	.....	7 M	.....	7 Spacenet	.....
8	8	.....	8	.....	8 S	.....	8 Other	.....
9	9	.....	9	.....	9 T	.....	9 Other	.....
0	0	.....	0	.....	0 W	.....	0	.....
ENTER	.....	.....	.....	.....	Enter	.....	.....	.....
DISPLAY	.....	.....	.....	.....	Source	.....	.....	.....
INPUT	.....	.....	.....	.....	FAV	.....	.....	.....
FAVORITE	.....	.....	.....	.....	Cancel	.....	.....	.....
CANCEL	.....	.....	.....	.....	.....	.....	.....	.....
LAST	.....	.....	.....	.....	.....	.....	.....	.....
MENU	Reset	.....	POL	.....	Menu	.....	.....	.....
UP	Satellite Up	.....	.....	.....	Up	.....	.....	.....
DOWN	Satellite Down	.....	.....	.....	Down	.....	.....	.....
LEFT	E	.....	ANT-E	.....	Left	.....	Antenna East	.....
RIGHT	W	.....	W-ANT	.....	Right	.....	Antenna West	.....
SAT	SET	.....	Select	.....	SAT	.....	Satellite	.....

Satellite Functions by Code

Fuction	CODE	086	CODE	087	CODE	088	CODE	089
1	1.C/KU		1(Satcom)		1(Satcom)		1	
2	2 POL		2(Galaxy)		2(Galaxy)		2	
3	3 Skip		3(Westar)		3(Westar)		3	
4	4 Norm		4(Comstar)		4(Comstar)		4	
5	5 Left Video		5(Telstar)		5(Telstar)		5	
6	6 Video Right		6(Aurora)		6(Aurora)		6	
7	7 Left Skew		7(Spacenet)		7(Spacenet)		7	
8	8 Skew Right		8(Intelsat)		8(Intelsat)		8	
9	9 Left Audio		9(SBS)		9(SBS)		9	
0	0 Audio Right		0(ASC)		0(ASC)		0	
ENTER			Enter		Enter			
DISPLAY			View		View			
INPUT			Skew(Anik)		SAT/TV			
FAVORITE			W/N(GSTAR)		FAV			
CANCEL			Cancel		CNCL			
LAST			Mode(Morelos)		Mode(Morelos)		Clock	
MENU			Code		Mode(Morelos)			
UP	Skip						F-Tune Up	
DOWN	Normal						F-Tune Down	
LEFT	Video Left						Fine(Spare)	
RIGHT	Video Right						B/W(GSTAR)	
SAT	POL		SAT		SAT		SAT	

Fuction	CODE	090	CODE	091	CODE	093	CODE	094
1	1		1		1		1	
2	2/PRV		2		2		2	
3	3/SEC		3		3		3	
4	4/SER		4		4		4	
5	5/Child		5		5		5	
6	6/NEWS		6		6		6	
7	7/Music		7		7		7	
8	8/Sport		8		8		8	
9	9/Movie		9		9		9	
0	0		0		10		0	
ENTER			Enter		Enter		Enter	
DISPLAY	View/Select		POL-PRG		View		Left	
INPUT	SAT/TV		TV SAT		Recall/SAT		SAT/TV	
FAVORITE	REC/Time		F/P		FAV		FAV	
CANCEL	Clear/Exit		Cancel		Cancel		Cancel	
LAST	PREV		FOL+				Right	
MENU	Menu		Format		Menu		Format	
UP			Fine Tune Up		ADJ+		Video Fine Up	
DOWN			Fine Tune Down		ADJ-		Video Fine Down	
LEFT			East				East	
RIGHT			West				West	
SAT	Guide		SAT		Tuning		Next SAT	

Satellite Functions by Code

Fuction	CODE	095	CODE	096	CODE	097	CODE	098
1	1	.....	1	.....	1	.....	1	.....
2	2	.....	2	.....	2	.....	2	.....
3	3	.....	3	.....	3	.....	3	.....
4	4	.....	4	.....	4	.....	4	.....
5	5	.....	5	.....	5	.....	5	.....
6	6	.....	6	.....	6	.....	6	.....
7	7	.....	7	.....	7	.....	7	.....
8	8	.....	8	.....	8	.....	8	.....
9	9	.....	9	.....	9	.....	9	.....
0	0	.....	0	.....	10	.....	10	.....
ENTER		.....	Enter	.....	Enter	.....	Enter	.....
DISPLAY		.....		.....	View	.....	View	.....
INPUT		.....	Recall/SAT	.....	Recall/SAT	.....	Recall/SAT	.....
FAVORITE		.....	FAV	.....		.....		.....
CANCEL	Cancel	.....	Cancel	.....	Cancel	.....	Cancel	.....
LAST		.....		.....	Menu	.....	Menu	.....
MENU		.....		.....	ADJ+	.....	ADJ+	.....
UP	ADJ+	.....	ADJ+	.....	ADJ+	.....	ADJ+	.....
DOWN	ADJ-	.....	ADJ-	.....	ADJ-	.....	ADJ-	.....
LEFT		.....		.....		.....		.....
RIGHT		.....		.....		.....		.....
SAT	Tuning	.....	Tuning	.....	Tuning	.....	Tuning	.....
Fuction	CODE	099	CODE	100	CODE	101	CODE	102
1	1	.....	1	.....	1 G	.....	1	.....
2	2	.....	2	.....	2 T	.....	2	.....
3	3	.....	3	.....	3 F	.....	3	.....
4	4	.....	4	.....	4 E	.....	4	.....
5	5	.....	5	.....	5 M	.....	5	.....
6	6	.....	6	.....	6 C	.....	6	.....
7	7	.....	7	.....	7 S	.....	7	.....
8	8	.....	8	.....	8 R	.....	8	.....
9	9	.....	9	.....	9 K	.....	9	.....
0	10	.....	10	.....	0 B	.....	0	.....
ENTER	Enter	.....	Enter	.....	Enter	.....	Enter	.....
DISPLAY	View	.....	View	.....	View	.....		.....
INPUT	Recall/SAT	.....	Recall/SAT	.....		.....	C/Ku	.....
FAVORITE		.....	FAV	.....		.....		.....
CANCEL		.....	Cancel	.....	Cancel	.....	CNCL	.....
LAST		.....		.....	POL/Call	.....		.....
MENU		.....	Menu	.....	C/KU/PROG	.....		.....
UP	ADJ+	.....	ADJ+	.....	Skew+	.....	Skew+	.....
DOWN	ADJ-	.....	ADJ-	.....	Skew-	.....	Skew-	.....
LEFT		.....		.....	E Left Video	.....	Audio Left	.....
RIGHT		.....		.....	Video Right W	.....	Audio Right	.....
SAT	Tuning	.....	Tuning	.....	C/KU/PROG	.....		.....

Satellite Functions by Code

Fuction	CODE	103	CODE	104	CODE	105	CODE	106
1	1	.....	1/G	.....	1	.....	1	.....
2	2	.....	2/T	.....	2	.....	2	.....
3	3	.....	3/F	.....	3	.....	3	.....
4	4	.....	4/A	.....	4	.....	4	.....
5	5	.....	5/W	.....	5	.....	5	.....
6	6	.....	6/C	.....	6	.....	6	.....
7	7	.....	7/S	.....	7	.....	7	.....
8	8	.....	8/M	.....	8	.....	8	.....
9	9	.....	9/K	.....	9	.....	9	.....
0	0	.....	0	.....	0	.....	0	.....
ENTER	Enter	.....	V.Center	.....	.....	.....	Guide	.....
DISPLAY	Dsplay	.....	Recall	.....	.....	.....	Select/Display	.....
INPUT	TV/DSS	.....	.....	.....	.....	.....	TV/DSS	.....
FAVORITE	Favorite	.....	.....	.....	Mono/D/M	.....	FAV	.....
CANCEL	Exit	.....	Cancel	.....	.....	.....	Clear	.....
LAST	Jump	.....	.....	.....	.....	.....	PREV CH	.....
MENU	Menu	.....	Menu	.....	.....	.....	Menu	.....
UP	Up	.....	Up	.....	.....	.....	Up	.....
DOWN	Down	.....	down	.....	.....	.....	Down	.....
LEFT	Left	.....	Left	.....	.....	.....	Left	.....
RIGHT	Right	.....	Right	.....	.....	.....	Right	.....
SAT	Guide	.....	Select	.....	.....	.....	DSS	.....

Fuction	CODE	107	CODE	108	CODE	110	CODE	111
1	1	.....	1	.....	1	.....	1	.....
2	2	.....	2	.....	2	.....	2	.....
3	3	.....	3	.....	3	.....	3	.....
4	4	.....	4	.....	4	.....	4	.....
5	5	.....	5	.....	5	.....	5	.....
6	6	.....	6	.....	6	.....	6	.....
7	7	.....	7	.....	7	.....	7	.....
8	8	.....	8	.....	8	.....	8	.....
9	9	.....	9	.....	9	.....	9	.....
0	0	.....	0	.....	0	.....	0	.....
ENTER	.....	.....	.....	.....	Enter	.....	Yes	.....
DISPLAY	.....	.....	Mode	.....	View	.....	View	.....
INPUT	H/V	.....	V/H	.....	SAT/Tv	.....	SAT/TV	.....
FAVORITE	.....	.....	W/N	.....	Buy	.....	Buy	.....
CANCEL	.....	.....	.....	.....	Next	.....	Help	.....
LAST	.....	.....	.....	.....	Last, Go Back	.....	Next	.....
MENU	Video	.....	.....	.....	Menu	.....	Menu	.....
UP	Tune Up	.....	Skew+	.....	Up	.....	.....	.....
DOWN	Tune Down	.....	Skew-	.....	Down	.....	.....	.....
LEFT	.....	.....	.....	.....	Left	.....	.....	.....
RIGHT	.....	.....	.....	.....	Right	.....	.....	.....
SAT	Audio	.....	.....	.....	F 1	.....	.....	.....

Satellite Functions by Code

Fuction	CODE	112	CODE	113	CODE	114	CODE	115
1	1				1		1	
2	2				2		2	
3	3				3		3	
4	4				4		4	
5	5				5		5	
6	6				6		6	
7	7				7		7	
8	8				8		8	
9	9				9		9	
0	0				0		0	
ENTER	Enter							
DISPLAY	Display							
INPUT	Format				三			
FAVORITE	Priority							
CANCEL	Cancel							
LAST	VC							
MENU	Number		Local		▷		Secondary	
UP	Fine Tune Up		Up		Up		Fine Tune Right	
DOWN	Fine Tune Down		Down		down		Fine Tune Left	
LEFT	E (Satellite)		Left		Left		East	
RIGHT	W (Satellite)		Right		Right		West	
SAT	SAT		Format		ON(Green Button)		Polarity V/H	
Fuction	CODE	116	CODE	117	CODE	120	CODE	121
1		1/G		1		1		
2		2/T		2		2		
3		3/F		3		3		
4		4/A		4		4		
5		5/E		5		5		
6		6/K		6		6		
7		7/C		7		7		
8		8/B		8		8		
9		9/S		9		9		
0		0/X		0		0		
ENTER		Enter		Enter		Enter		Store
DISPLAY				Display				A N/W
INPUT				Source				IN A/B
FAVORITE		FAC		Mode		Mode		6.2/6.8
CANCEL		CAN		Cancel		Cancel		T1
LAST				F/P				
MENU	H/V	Menu		Letter		Letter		Number
UP	Fine Tune Up	Fine Up		Fine Tune Up		Fine Tune Up		Video Up
DOWN	Fine Tune Down	Fine Down		Fine Tune Down		Fine Tune Down		Video Down
LEFT	East	Peak Left/VC Left		East		East		East
RIGHT	West	Peak Right/VC Right		West		West		West
SAT	Audio	SAT		Number		Number		Type

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